



Tennessee Crop Weather

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For the Week Ending July 31, 2016

SHOWERS BRING RELIEF

Widespread showers brought much-needed moisture to much of the state, improving most row crop conditions. Major activities included spraying for pests and preparing for corn harvest. The rains aided pasture conditions, which, in turn, helped livestock conditions. Some tobacco growers were reporting that conditions were unfavorably damp for dark tobacco. There were 4.5 days suitable for field work. Topsoil moisture was 10 percent very short, 27 percent short, 56 percent adequate and 7 percent surplus. Subsoil moisture levels were 10 percent very short, 31 percent short, 55 percent adequate, and 4 percent surplus.

CROP PROGRESS					CONDITION					
Crop	This Week	Last Week	2015	Five Year Avg.	Item	Very Poor	Poor	Fair	Good	Excellent
Percent					Percent					
Corn – Silking	97	94	96	97	Corn	3	8	25	41	23
Corn - Dough	79	60	70	70	Soybeans	1	4	21	48	26
Corn - Dented	34	17	N/A	N/A	Cotton	1	2	19	58	20
Cotton - Squaring	95	92	89	92	Pasture	6	17	35	37	5
Cotton – Setting Bolls	68	55	55	58	Tobacco	2	28	25	33	12
Soybeans - Blooming	81	73	69	70	Hay	4	16	35	36	9
Soybeans – Setting Pods	55	40	45	43						
Tobacco - Topped	50	32	43	43						

County Agent Comments

All crops continue to progress well. Rainfall this week brought some relief for drought conditions. Still need more.
Tim Campbell, Dyer County

Crops were aided by cooler weather and patchy rains throughout the week with some reported rainfall amounts over 2 inches. The rain and slightly cooler weather has reduced the late summer slump we see in area pastures. Some producers got their third cutting of hay last week. Some of the earlier planted corn appears to be about two weeks from harvest.
Kenny Herndon, Carroll County

The farmers in Fayette County received rain last week. Activities included spraying for pests.
Jeff Via, Fayette County

All crops benefitted from the rains this week.
Walter Battle, Haywood County

Scattered thunderstorms this week have dropped 2-3" of much needed precipitation. While these rain events came too late for corn in the drier southern part of the county, it continues to improve corn in the northern part of the county and has supplied a tremendous boost to soybeans county-wide. Some fungicide applications in soybeans occurred this week and will likely continue based on available moisture.
Jeff Lannom, Weakley County

Too wet for Dark Tobacco.
Joseph Griffy, Stewart County

We were hot and dry last week in most places. Corn is beginning to turn in a lot of early planted fields. We need rain on our hay.
Larry Moorehead, Moore County

Scattered showers throughout the county have provided ample soil moisture for only selected pastures.
David Cook, Davidson County

Rain showers with some areas over 3 inches. Row crops look good and pastures are in good condition. Part of week had high 90's temperatures so cattle are spending lots of time in the shade.
A. Ruth Correll, Wilson County

Continued hot temperatures with scattered to isolated thunderstorms throughout the week producing from .5 to over two inches in a few very isolated areas. Several reporting receiving an inch total for the week. The corn crop is on its way to maturity with about a fourth in the dent stage. Wheat beans are beginning to bloom and a few early maturing single crop beans are approaching R6. Insect and disease pressure has been moderate to slight.

Ed Burns, Franklin County

Some much needed rain came in Thursday evening (7/28) across the southern tip of the Cumberland Plateau. This will help, but farmers in this area are fearing a bad corn crop as rains may not have come early enough.

Creig Kimbro, Grundy County

1.75 inches of rain this week! Temps in the 90s all week. Crops look much better with the rainfall this week!

John Goddard, Loudon County

Rains have improved soil moisture, but have these rains have been uneven and have given different quantities of rain depending on area.

Chris Ramsey, Sullivan County

We have had a good rainfall almost all week with two really good rains that have helped those with crops. Hay looks to be in good shape and a number of producers are getting ready for the second cut. Pasture is decent in places and better in others, but a lot has to do with pasture management. Livestock overall are good and seemed to have good body condition scores everywhere I look.

Keith Jacob Boone, Hancock County

TEMPERATURES AND PRECIPITATION
 For week ending: July 31, 2016 (with comparisons)

LOCATION	TEMPERATURE				PRECIPITATION					
	Week Ending July 31, 2016				Current Week	Rain Days	Current Since January 1	Departure From Normal January 1	Current Since April 1	Departure From Normal April 1
	HI	LO	AVG	DFN	07/31/2016					
West										
Ames_Plantation	96	69	82	3	2.73	5	34.12	-1.05	15.77	-4.43
Bolivar_Wtr_Wks	96	69	82	4	1.73	5	31.81	-1.99	14.89	-4.37
Brownsville	95	72	83	3	1.57	3	44.32	11.14	22.20	3.13
Covington_3SW	92	69	81	0	0.73	3	37.72	4.84	19.74	0.93
Dresden	93	71	81	3	1.54	6	30.31	-3.94	15.79	-4.63
Dyersburg_AP	95	71	82	1	1.63	6	30.07	-0.97	15.96	-2.25
Henderson_4W	94	69	80	0	3.64	6	41.41	7.12	22.23	1.98
Huntingdon_Wate	95	72	82	6	1.42	3	33.24	-0.01	15.18	-3.73
Jackson_Exp_Stn	97	71	82	3	1.29	5	35.50	1.21	16.58	-3.67
Lexington_Ag	96	71	81	2	2.67	5	29.31	-2.87	15.15	-3.53
Memphis_WFO	97	71	83	3	2.88	5	44.52	11.59	20.36	1.09
Milan_Exp_Stn	97	71	83	6	1.57	3	31.36	-2.01	12.32	-7.11
Paris_2SE	94	70	81	4	1.26	5	34.65	1.74	17.28	-1.53
Selmer	100	68	83	4	1.07	5	28.12	-7.53	13.46	-6.69
Union_City_AP	95	70	82	4	1.72	6	32.79	1.07	18.58	-0.28

Middle										
Bethpage_1S	92	69	80	1	2.09	4	35.53	2.70	24.62	5.87
Carthage	94	69	80	3	2.37	5	29.83	-3.19	19.08	0.34
Centerville_4NE	93	64	77	-2	1.44	2	29.51	-4.34	16.61	-2.76
Cheatham_L_D	99	70	83	6	1.08	2	32.69	0.17	20.47	1.79
Clarksville_AP	94	70	81	2	4.98	5	38.59	6.78	25.22	7.27
Coalmont	94	65	77	3	0.61	1	33.51	-5.37	18.09	-2.63
Columbia_3WNW	100	68	81	5	0.47	3	22.55	-12.44	11.83	-7.72
Cookeville	93	70	80	4	1.60	5	32.99	-2.52	19.37	-0.35
Crossville_AP	89	69	78	4	1.27	3	28.92	-6.72	16.05	-3.87
Dover_1W	94	70	82	4	3.38	6	43.01	10.50	26.75	8.57
Fayetteville_Wt	96	69	81	4	2.26	4	40.46	5.72	23.46	5.18
Franklin	91	65	77	-2	0.45	4	27.67	-5.68	16.26	-2.52
Hohenwald	93	67	79	0	0.45	4	29.11	-7.10	15.12	-5.15
Jamestown	91	66	78	5	1.69	5	32.30	-2.39	20.13	0.04
Kingston_Spring	97	69	82	6	1.45	5	29.26	-2.58	16.89	-1.02
Lobelville	97	69	81	3	2.47	4	33.70	-1.81	17.85	-2.23
Monteagle	91	66	77	2	1.09	5	31.89	-6.99	16.03	-4.69
Murfreesboro_5N	95	70	81	4	1.52	6	27.36	-6.11	15.31	-3.61
Nashville_Metro	97	73	83	4	0.94	3	25.14	-4.35	14.30	-2.52
Shelbyville_Wtr	97	69	82	4	1.02	3	30.21	-4.87	15.72	-3.63
Sparta_WWTP	95	70	81	4	0.93	3	30.91	-3.97	18.62	-0.56
Springfield_Exp	95	72	82	6	2.34	4	34.88	3.19	23.07	4.65
Tennessee_Ridge	94	70	81	4	2.39	6	37.58	2.92	22.09	2.46
Wartrace_6E	94	68	77	-1	0.72	2	31.63	-5.36	18.58	-1.12
Waynesboro_Ag	96	70	81	5	2.14	7	31.89	-6.03	17.32	-4.16

East										
Athens	98	68	82	5	1.86	4	30.09	-5.75	16.59	-1.74
Chattanooga_Lov	98	73	84	5	0.95	3	21.16	-12.64	7.87	-9.32
Gatlinburg_2SW	89	65	77	4	0.59	5	26.07	-10.62	16.22	-5.62
Greeneville_Exp	97	68	81	8	0.93	5	22.83	-5.77	14.04	-3.11
Kingston_Ag	94	62	80	5	1.29	3	29.45	-8.36	15.65	-5.22
Knoxville_AP	97	71	84	6	1.00	3	28.26	-3.03	15.92	-1.47
Lenior_City	96	68	81	3	0.69	4	26.98	-6.70	13.69	-4.33
Morristown_Radi	97	68	82	5	0.88	3	21.93	-7.90	12.06	-4.85
Oak_Ridge	98	72	85	7	1.00	2	29.11	-5.64	14.74	-4.50
Roan_Mtn_2SE	87	60	73	7	1.64	6	22.03	-8.86	12.57	-5.26
Rogersville_1NE	95	67	80	5	1.31	4	25.63	-2.38	14.50	-1.60
Townsend_5S	86	64	75	2	0.66	3	30.89	-5.80	17.39	-4.45
Tri-City_RGNL_A	98	68	81	8	1.31	5	20.65	-5.94	12.41	-3.24

DFN = Departure from Normal (Using 1961-90 Normals Period). Rain Days = Days with precip of 0.01 inch or more during the week.
 Precipitation (rain or melted snow/ice) measured in inches.